

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 029623/0109



In re patent application of

K. Beattie

Serial No. 08/631,751 CON 09/063,356

Filed: April 21, 1998

For: MICROFABRICATED, FLOWTHROUGH POROUS APPARATUS FOR DISCRETE DETECTION OF BINDING REACTIONS

Group Art Unit:

Examiner: Unassigned

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for 09/063,356*

PRELIMINARY AMENDMENT

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as set forth below. A check in payment of the additional claim fees is attached. The Commissioner is hereby authorized to charge any fees that are required to Deposit Account No. 19-0741. Please amend the application as follows:

IN THE CLAIMS:

Please ~~cancel~~ claims 1 to 20 without prejudice or disclaimer, and add the following

claims:

09/02/1998 SSAL/EEKU 00000099 09063356

01 FC:103
02 FC:104

-21-

1998.00 IP
1998.00 IP

for detecting a binding reaction between a binding reagent and a binding target, comprising:

(A) contacting a sample suspected of containing a binding target with a substrate comprised of: (i) oppositely facing first and second major surfaces, (ii) a multiplicity of discrete channels extending through said substrate from said first major surface to said second major surface, and (iii) at least a first binding reagent immobilized on the walls of at least a first group of said channels and (iv) at least a

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